

### **Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

### **Listing of Claims:**

1.       **(Previously Presented)** An extraction method, comprising the steps of: crushing and soaking a plant product, and then extracting at least one of water-soluble substance and fat-soluble substance from the plant product using water as a solvent, wherein the extracting step is carried out under the simultaneous conditions of a 18-33 kHz nonlinear vibration, a pressure of 25-35 MPa and at a temperature of 0-50°C., thus obtaining an extraction fluid.
2.       **(Original)** An extraction method of claim 1, wherein the extraction temperature is 20°C-50°C.
3.       **(Original)** An extraction method of claim 1, wherein the extraction time is 1-3 hours.
4.       **(Previously Presented)** An extraction method of claim 1, wherein the ratio of a plant product to water solvent by weight is 1:3-5.
5.       **(Canceled)**
6.       **(Original)** An extraction method of claim 1, wherein said method further includes the step of packaging the said extraction fluid.
7.       **(Original)** An extraction method of claim 1, wherein said method further includes the steps of concentrating and drying said extraction fluid.
8.       **(Withdrawn)** An extraction apparatus for carrying out the extraction method of claim 1, comprising: an extracting can comprising a can body and a top lid, a sealing structure to seal the can body and the top lid, and a pipeline connection to input the water into the can body and output the extraction liquid; wherein said apparatus further comprises a high pressure pump,

which is linked to the extracting can and adapted to maintain the high pressure in the extracting can under 25-35 MPa; wherein a raw material can and a nonlinear vibration apparatus emitting nonlinear vibration with the frequency in the range of 18 KHz~33 KHz are set in the inner of extracting can; wherein said top lid is equipped with a conducting line-connecting hole and a vent hole connected with a seal valve to connect said nonlinear vibration apparatus with the external electrical source; wherein a water-supplying system is connected with said water-inputting pipe connection to input the water to said extracting can; wherein a material pump and a material liquid is connected to the extracting can through the extraction liquid-outputting pipe connection.

9. (Withdrawn) An extraction apparatus of claim 8, wherein said nonlinear vibration apparatus is a string of nonlinear vibration apparatus consisting of many vibration apparatuses emitting nonlinear vibration, with the axes of the adjacent nonlinear vibration apparatus perpendicular in different surfaces with each other, wherein said nonlinear vibration apparatus has two proximate ends with outputting curve surface and a vibrating slice set between the two proximate end, and a insulation layer is set outside of the vibrating slice, and a conducting line connects the vibrating slice with the external electrical resource of the extracting can.

10. (Withdrawn) An extraction apparatus of claim 8, wherein said raw material can is a cylindrical bracket enwrapped with filter cloth bag, and there is a hook set in the center of the bracket top to hang the nonlinear vibration apparatus.

11. (Withdrawn) An extraction apparatus of claim 8, wherein said sealing structure is the collar and a seal washer between the can body and the top lid, wherein said can body is also equipped with circulating pump externally to circulate the liquid in the extracting can.

12. (Withdrawn) An extraction apparatus of claim 8, wherein the extracting can is further equipped with a temperature-controlling apparatus externally, to maintain the temperature in the range of 20°C~50°C.

13. (Withdrawn) An extraction apparatus of claim 12, wherein said temperature-controlling apparatus is a heating-and-warming layer equipped on the external of extracting can.

14. (Withdrawn) An extraction apparatus of claim 8, wherein said water-supplying system has a water-processing machine and a water pump to inputting liquid into the extracting can.

15. (Withdrawn) An extraction apparatus of claim 8, wherein said extracting can is connected with a material pump and a material liquid can through the pipeline interface outputting extraction liquid.

16. (Withdrawn) An extraction apparatus of claim 11, wherein said circulating pump is magnetic pump.

17. (Withdrawn) An extraction apparatus of claim 8, wherein the sealing valve is further connected with an air compressor.

18. (Withdrawn) An extraction apparatus of claim 8, wherein said apparatus further has a concentrating system connected with the material liquid can.

19. (Withdrawn) An extraction apparatus of claim 18, wherein said concentrating system is a supersonic atomization apparatus comprising the air-filtrating machine set on the top, a atomization room on the middle part, a gas-gathering room and gas-outputting fan set under the atomization room, wherein there is a plural of supersonic generators set in the atomization room, and a liquid-inputting hole inputting the extraction liquid and liquid-outputting hole outputting the concentrated liquid set on the side wall of the atomization room.

20-26. **(Canceled)**

27. (Previously presented) The method of claim 1, wherein the step of extraction is carried out in an extraction apparatus, comprising: an extracting can comprising a can body and a top lid, a sealing structure to seal the can body and the top lid, and a pipeline connection to input water into the can body from a water-supply system and output the extraction fluid; said apparatus further comprising a high pressure pump, which is linked to the extracting can and

adapted to maintain the pressure in the extracting can at 25-35 MPa; said apparatus further comprising a raw material can and a nonlinear vibration apparatus adapted to emit nonlinear vibration with the frequency in the range of 18 KHz-33 KHz are set in the inner of extracting can; wherein said top lid is equipped with connecting hole adapted to pass therethrough a conductive line for connecting said nonlinear vibration apparatus to an external electrical source, and a vent hole connected to a seal valve; said apparatus further comprising a material pump connected to the extracting can and adapted to output the extraction fluid.

28. (Previously presented) The method of claim 27, wherein said nonlinear vibration apparatus comprises a string of nonlinear vibration apparatus consisting of many vibration apparatuses emitting nonlinear vibration, with the axes of the adjacent nonlinear vibration apparatus perpendicular in different surfaces with each other, wherein said nonlinear vibration apparatus has two proximate ends with outputting curve surface and a vibrating slice set between the two proximate end, and a insulation layer is set outside of the vibrating slice, and a conducting line connects the vibrating slice with the external electrical resource of the extracting can.

29. (Previously presented) The method of claim 27, wherein said raw material can is a cylindrical bracket enwrapped with filter cloth bag, and the apparatus further comprises a hook set in the center of the bracket top to hang the nonlinear vibration apparatus.

30. (Previously presented) The method of claim 27, wherein said sealing structure is the collar and a seal washer between the can body and the top lid, wherein said can body is also equipped with circulating pump externally to circulate the fluid in the extracting can.

31. (Previously presented) The method of claim 27, wherein the extracting can is further equipped with a temperature-controlling apparatus externally, adapted to maintain the temperature in the range of 20°C-50°C.

32. (Previously presented) The method of claim 31, wherein said temperature-controlling apparatus comprises a heating-and-warming layer equipped on the external of extracting can.

33. (Previously presented) The method of claim 27, wherein said water-supplying system has a water-processing machine and a water pump to inputting fluid into the extracting can.

34. (Previously presented) The method of claim 30, wherein said circulating pump is magnetic pump.

35. (Previously presented) The method of claim 27, wherein the sealing valve is further connected with an air compressor.

36. (Previously presented) The method of claim 27, wherein said apparatus further comprises a concentrating system connected with the material fluid can.

37. (Previously presented) The method of claim 36, wherein said concentrating system comprises a supersonic atomization apparatus comprising an air-filtrating machine set on the top, a atomization room on the middle part, a gas-gathering room and gas-outputting fan set under the atomization room, wherein there is a plurality of supersonic generators set in the atomization room, and a fluid-inputting hole inputting the extraction fluid and fluid-outputting hole outputting the concentrated extraction fluid set on the side wall of the atomization room.

38. (Previously Presented) The method of claim 1, wherein the plant product comprises Angelica.